APPLICATION TRANSMITTA **UTILITY PATI**

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No. 1018.111US1

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of () application identifier or (X) first named inventor, Michael Ginsberg, entitled Data Structure for Efficient Enqueuing and Dequeuing, for a(n):

(X) Original Patent Application.
() Continuing Application (prior application not abandoned): () Continuation () Divisional () Continuation-in-part (CIP) of prior application No: Filed on: () A statement claiming priority under 35 USC § 120 has been added to the specification.
Enclosed are: (X) Specification; 24 Total Pages. (X) Drawing(s); 6 Total Sheets. (X) Oath or Declaration: (X) A Newly Executed Combined Declaration and Power of Attorney: (X) Signed. () Unsigned. () Partially Signed. () A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)). () Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference. () Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)). () Power of Attorney. (X) Return Receipt Postcard. () A Ssociate Power of Attorney. () A Check in the amount of \$ for the Filing Form of Processing Fee Against Deposit Account. () A Duplicate Copy of this Form for Processing Fee Against Deposit Account. () A Certified Copy of Priority Documents (if foreign priority is claimed). (X) Form PTO-2038 for credit card payment of application fee. (X) Assignment recordation cover sheet, assignment papers, and Form PTO-2038 for credit card payment of fee. (X) Patent application data entry format sheets for OCR.

		CLAIMS AS FILED		
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	22	2	\$18.00	\$ 36.00
Independent Claims	3	0	\$78.00	\$ 0.00
Multiple Dependent Clai	\$0.00			
Assignment Recording Fee				\$0.00
Basic Filing Fee				\$690.00
			Total Filing Fee	\$ 726.00

pursuant to 37 CFR § 1.25. At any time during the pendency to Deposit Account of this application, please charge any fees required or credit any overpayment to this Deposit Account.

Respectfully submit

By:

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Date: 9-30-00

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I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

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